

Peak District National Park

Forecast valid from 00:00 on Tuesday 06 Dec 2022 until 23:59 on Wednesday 07 Dec 2022

Forecast Issued on Monday 05 Dec 2022 at 09:41

Confidence: High for increasingly cold northerly flow to develop, but lower confidence for details.

Headline for Tuesday 06 Dec 2022: Chilly but bright though mainly cloudy with a few showers, these wintry in the tops.

Mountain weather hazards on Tuesday 06 Dec 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Partly cloudy (night)
Precipitation probability							
20%	20%	20%	10%	20%	00%	00%	00%

Forecast for Tuesday 06 Dec 2022

Weather: A few clear spells overnight and perhaps a frost in places, but mostly cloudy with some showery outbreaks of light rain, this wintry on the tops. Then a rather cold, bright but mostly cloudy day with a few showers, these wintry above 500m, but tending to fade away in the afternoon with a few sunny spells developing. Dry in the evening with clear periods.

Chance of cloud-free hill tops above 600m: 30% improving to 90% by the afternoon.

Low cloud and visibility: Good visibility but moderate in rain showers and very poor in snow and within cloud with bases quite widely down to 500m at first, especially in north and east, but becoming more broken and mainly above 700m by the afternoon, with only the odd patch down to 500m.

Forecast for Tuesday 06 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/19 NE	10/15 NE	10/16 N	12/18 N	13/18 N	12/17 N	14/21 N	14/21 N	11/17 N
300	8/13 NE	6/10 NE	5/8 NE	5/8 W	7/11 NW	6/9 NW	6/10 NW	6/10 NW	5/9 NW
Valley	5/15 NE	3/11 NE	4/12 N	2/9 NW	4/9 NW	3/10 NW	4/13 N	3/11 N	3/8 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-5	-0/-5	0/-4	0/-4	1/-4	1/-4	-0/-6	-1/-6	-1/-6
300	3/-1	2/-1	2/0	3/1	3/0	4/1	2/-1	2/-1	1/-2
Valley	3/1	2/0	2/0	2/1	4/2	4/3	2/0	1/-1	0/-2
Freezing Level*	500m	500m	600m	700m	700m	700m	600m	500m	300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Some chill effect at all levels, but generally light winds. Freezing level lowering through the day

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 05 Dec 2022	1.2mm	4.8mm	5mm

Forecast for Wednesday 07 Dec 2022

Weather: Cold, bright and frosty, with sunny spells, but perhaps the odd wintry shower too.

Maximum wind: North or northeast 10mph, but northwest 10-15 mph in evening.

Chance of cloud-free hill tops above 600m: 90%, reducing to 30-50% in evening.

Low cloud and visibility: Mostly very good visibility, but poor in any snow showers and in cloud, though only small amounts of cloud near the tops, but scattered perhaps broken in any showers down to 500m.

Temperature: **Valleys:** Minus 3 C rising to plus 2 C

At 600m: Minus 2 C

Freezing level: 200 or 300m